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Surface and bulk nanostructure influence on dissipation in nanoelectromechanical resonators

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Stellingen

**Surface and bulk nanostructure influence on dissipation
in nanoelectromechanical systems**

Orcun Ergincan

1. Research on the intrinsic properties of microelectromechanical systems requires a team effort.
2. There is plenty more to investigate under the surface.
3. "Extraordinary claims require extraordinary evidence", Carl Sagan
4. Calibration is time consuming. The less the better.
5. "Life is really simple, but we insist on making it complicated.", Confucius
6. During a PhD in experimental physics one can easily forget to do research.
7. "We shall require a substantially new manner of thinking if mankind is to survive.", Albert Einstein
8. "The real problem is not whether machines think, but whether men do.", B.F. Skinner
9. Randomizing the surface topography without adding/removing material is a challenge.